

ECS Configuration Change Request

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Page(s)

1. Originator Cherry Kenney	2. Log Date: 05/12/03	3. CCR #: 03-0310	4. Rev: A	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: Patch_6A.07_INGEST.04A						
9. Originator Signature/Date Cherry Kenney /s/ 05/12/03			10. Class II	11. Type: CCR	12. Need Date: 29Apr03	
13. Office Manager Signature/Date Carolyn Whitaker /s/ 05/12/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:INGEST	
19. Release Affected by this Change: 6A		20. Date due to Customer: 29Apr03		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 35308, 36074, 36418, 36438, 36666, 36698, 36855, 36918, 36963, 37034, 37066, 37337						
23. Problem: (use additional Sheets if necessary) This patch delivers the monthly rollout of INGEST subsystem. Also included is Ingest Secure Copy functionality.						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_6A.07_INGEST.04A to all DAACs. CCR is being revised due to incorrect NCR listed under Section22. NCR 36074 was inadvertently listed as 36704 on the original CCR.						
25. Alternate Solution: (use additional sheets if necessary) Wait until next INGEST delivery or delivery of 6A.08						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Identified INGEST problems will continue. .						
27. Justification for Emergency (If Block 15 is "Emergency"): NA						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Steve Fox /s/ 05/12/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 05/12/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 03-0310 **Rev:A** **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: Patch_6A.07_INGEST.04A

ClearCase

Please make the following tarfiles from the 6A07EBF1 baseline:

One IRIX65 tar file with the following packages:

.EcInAPCSVR.pkg
.EcInDatabase.pkg
.EcInINTFCSVR.pkg
.EcInDBScripts.pkg

One SOL8 tar file with the following packages:

.EcInEMAILSVR.pkg
.EcInGUIOPSWs.pkg

Please label this tar file Patch_6A.07_INGEST.04A

Continued from page1 Block 22:

ECSed35308 SEV3 EDC DAAC L7 TimeOfDay value rounded up in database Ref:ECSed36762(SO), ECSed36742
ECSed36438 SEV2 EDC DAAC Ingest DatabasePatches for ESDTs
ECSed36666 SEV2 EDC DAAC Priority is not being passed correctly between InGran and to the FTP server
ECSed36918 SEV2 EDC DAAC ASTER Level-1 LocalGranuleIDs need hdf file extension
ECSed36963 SEV2 EDC DAAC PreProc errors on all single telescope ASTER granules
ECSed36698 SEV2 GSFC DAAC Ingest rates below normal, database tables out of sync.
ECSed36418 SEV5 GSFC DAAC GDAAC/SMC: Request SCP2 functionality within INS/STMGT
ECSed37066 SEV5 GSFC DAAC Change FTP Ingest to copy directly to drg boxes
ECSed36074 SEV3 NSIDC DAAC EcInPolling failed to COLD Start
ECSed37034 SEV2 EDF Remove comment from Ingest top level mkcfg for Ingest
ECSed36590 SEV3 PVC .rgypatch for Ingest has typos.
ECSed37337 SEV5 EDF Unnecessary prompt setting constraint on PDR server enforced by script

Patch/TE Dependencies

Patch_6A.07_INGEST.04A supersedes TE_6A.07_INGEST.03.
Patch_6A.07_INGEST.04A must be installed concurrently with Patch_6A.07_STMGT.05.

A. PRE - INSTALLATION

1. Copy the *irix65* tar files into the <staging_area>/IRIX65 directory
2. Copy the *sun5.8* tar files into the <staging_area>/SOL8/ directory
- 3.. Using the Setup.ksh files untar the tar files in both directories
4. When prompted, you will not need to install a new version of EcsAssist.
5. cd <staging_area>/IRIX65/CUSTOM/dbms

 chmod -R 775 *
6. cd <staging_area>/IRIX65/CUSTOM/bin/INS
7. Edit the EcInPollingLs.exp script. by changing the blank line 2 to read:

match_max -d 1000000

8. Bring down all INS servers

B. INSTALLTION:

1. Logon to any SUN host and install the listed packages using E.A.S.I

.EclnAPCSVR.pkg
.EclnDatabase.pkg
.EclnINTFCSVR.pkg
.EclnDBScripts.pkg
.EclnEMAILSVR.pkg
.EclnGUIOPSWWS.pkg

C. CONFIGURATION:

1. Log into each host where INGEST ReqMgr and/or Polling runs (xxicgnn and xxacgnn)

2. Using the ECS Assist Subsystem Manager, run Mkcfs for all of INGEST. The following parameters will be added for EclnReqMgr and all Instances of EclnPolling. (A Registry Patch was not generated for this.)

CopyServerHost -- (this is the host were the Copy server runs and will do Secure copies)
CopyServerPort -- (this will be set by the .cfgpatch based the MODE)
CopyServerMaxClients -- The default value is set to 10.

NOTE: The values will be set automatically via the .cfgpatch process during installation.

3. After you run Mkcfs on the host where EclnGranServer runs, delete the /usr/ecs/<MODE>/CUSTOM/cfg/EclnGran*.CFG files as they have not changed.

4. Use the EcCoPopulateRegistry tool to populate the Registry with the new .CFG files for EclnPolling.<Instance> and EclnReqMgr. Then move these .CFG files to .rgy files.

D. DATABASE INSTALLATION

1. Logon to the xxacgnn host (where the the INGEST Database Package is installed)

2. Bring up EcsSubsystem Manager and patch the INGEST database up to Patch 6417

Patch Number Patch Description

6415 - patch was delivered in 6A07 release.

6417 Patch for Secure Copy.

3. At EDC only, run script EclnDbESDT_NCR36438.ksh

cd /usr/ecs/<mode>/CUSTOM/dbms/INS
enter: EclnDbESDT_NCR36438.ksh MODE USERNAME SERVER DBNAME

E. POST INSTALLATION

1. Bring up INGEST servers